

In the Claims:

Claim 1. (currently amended) A foam product produced by a process comprising the steps of:

providing a pre-foam stream at a first pressure;

intermittently injecting at least one additive into the pre-foam stream in a mixing head at a pressure higher than the first pressure under mixing conditions, sufficient to provide for, providing a laminar flow pre-foam stream with alternating segments;

pouring said laminar flow pre-foam stream onto a surface; and

curing said pre-foam stream into a foam product having discrete alternating stripes with different properties.

Claim 2. (original) A foam product of claim 1, wherein the at least one injector injects the additive into a laminar region of the pre-foam stream while substantially maintaining the laminar flow in the laminar region.

Claim 3. (original) The foam product of claim 1, wherein the additive is a coloring agent, and the alternating stripes vary in color.

Claim 4. (original) A foam product of claim 1, wherein the alternating stripes vary in at least one of width, density, hardness, air permeability, tensile strength and load bearing capacity properties of said foam.

Claim 5. (original) The foam product of claim 1, wherein the foam product is a foam bun.

Claim 6. (original) A foam product comprising an alternatingly, discretely striped foam sheet peeled from the foam bun of claim 5.

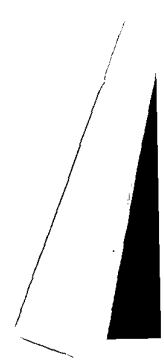
Claim 7. (original) The product of claim 1, having two or more alternating stripes, having different properties.

Claim 8. (original) An article comprising the foam product of claim 3, wherein the article is a clothing article or a blanket or an insulator.

Claims 9-35 (canceled)

Claim 36. (currently amended) An article of manufacture comprising:

a seamless foam product having a plurality of discrete ~~stripes~~ bands, each ~~stripe~~ band having at least one property different from adjacent ~~stripes~~ bands.



Claim 37. (original) The article of claim 36, wherein said at least one different property comprises at least one of a different density, a different hardness, a different width, a different air permeability, a different tensile strength, and a different load bearing capacity.

Claim 38. (original) The article of claim 36, wherein said at least one different property comprises a different color.

Claim 39. (original) The article of claim 36, wherein the article is a cushioning product, a clothing product, or a bedding product.

Claims 40-75. (canceled)

Claim 76. (new) The foam product of claim 1, wherein the stripes of the foam vary in chemical composition.

Claim 77. (new) The foam product of claim 1, wherein the stripes of the foam vary in at least one physical property.

Claim 78. (new) The foam product of claim 1, wherein the additive is a unique marker compound or combination of compounds that can be associated with the foam product as a unique identifier.

Claim 79. (new) The foam product of claim 1, wherein the alternating stripes have edges that remain generally parallel to each other without intersecting each other.

Claim 80. (new) The foam product of claim 1, wherein the article is a cushioning segment of the furniture industry.

Claim 81. (new) The article of claim 36, wherein the adjacent ~~stripes~~ bands have edges that remain generally parallel to each other without intersecting each other.

Claim 82. (new) The article of claim 36, wherein the article is a cushioning segment of the furniture industry.